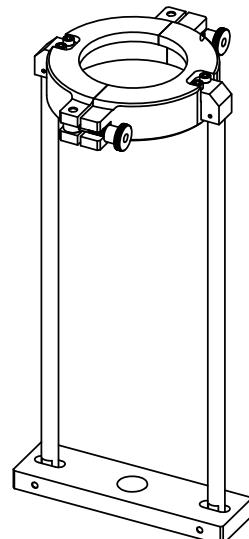
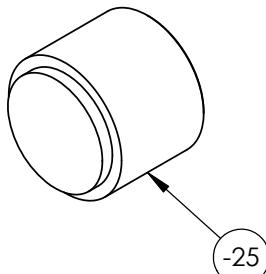
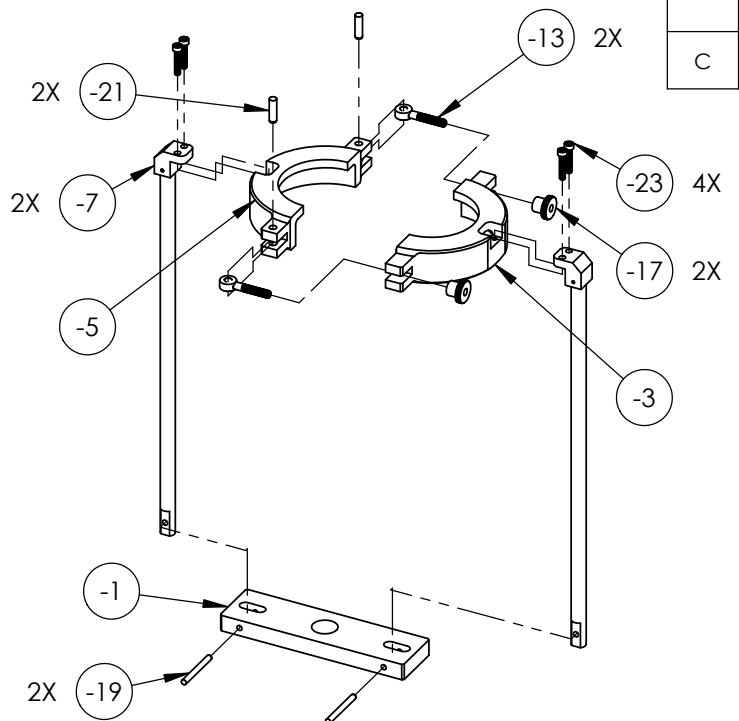


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0220	ADDED NOTE 1 SHEET 1. -1, -3, -5, -7 ADDED FINISH QMSI-6.2.2, B.O. REV D. -1, -7 CH'D MATERIAL WAS 1018 IS A36/1018/1020 HR. -1 CH'D DIM WAS 2X Ø.2362/.2358 THRU ALL IS 2X Ø.2382/.2375 (S.F. -19), WAS 8.650 IS 8.65, WAS 2.360 IS 2.36, WAS .750 IS .75. -3, -5 CH'D MATERIAL WAS 4140 IS 4140/4142, ADDED HEAT TREAT RC 28-34. -3 CH'D DIM WAS 2X .770 IS 2X .77, ADDED DIM 2X .453 ±.010, 2X .91, ADDED ENGRAVE NOTE. -5 CH'D DIM WAS 2X .770 IS 2X .77, ADDED DIM 2X .453 ±.010, 2X .91, ADDED ENGRAVE NOTE. -7 CH'D DWG. TO SHEET METAL TOLERANCE. -9 CH'D DIM WAS .129/.125 IS Ø.129/.125 (P.F. -15), WAS Ø.625 ±.005/.000 Ø.510 IS Ø.625 ±.005/.000 Ø.51 (S.F. -11), WAS .240 IS 2X .240, DELETED DIM .395. -11 CH'D DIM WAS Ø(.625) IS Ø.63, WAS 1.200 IS 1.20, WAS .600 IS .60, WAS Ø.2391/.2379 THRU ALL IS Ø.2362/.2357 THRU ALL (P.F. -19), ADDED DIM .56 Ø.620/.615 (S.F. -9).	11/14/2016	RJC	SM
C	20-109	SHEET1: BOM ADDED -25; ADDED SHEET 8 AND ADDED -25; REMOVED BLOCKS FROM SHEET 2 THRU 7.	23/11/2020	RF	SAD



ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	BASE PLATE	A36/1018/1020 HR		2
			-3	1	RING	4140/4142		3
			-5	1	RING 2	4140/4142		4
X			-7	2	WELDMENT			5
1			-9		ROD TOP	A36/1018/1020 HR		6
1			-11		ROD	1018/1020 CR		7
B/O	-13	2	ROD END		STEEL	M8 x 1.25 X 50mm (MCMASTER-CARR #3799K13)		1
B/O	-15	2	SPRING PIN		STEEL	Ø1/8 X 7/8 (MCMASTER-CARR #90692A699)		5
B/O	-17	2	KNOB		STEEL	M8 x 1.25 (MCMASTER-CARR #60765K343)		1
B/O	-19	2	DOWEL PIN		STEEL	6mm X 60mm (MCMASTER-CARR #91595A485)		1
B/O	-21	2	DOWEL PIN		STEEL	8mm X 30 mm (MCMASTER-CARR #91595A567)		1
B/O	-23	4	SCREW		STEEL	M6 X 1 X 30mm SHCS (MCMASTER-CARR #91290A332)		1
B/O	-25	1	THRUST PIECE		6061	Ø3-1/2 X 2-7/8		8
ASSY -7								

NOTES:
1. REF. EUROCOPTER T/N 1X53 166 817.
2. USED IN KIT RBEA62316

DART
AEROSPACE

PULLER

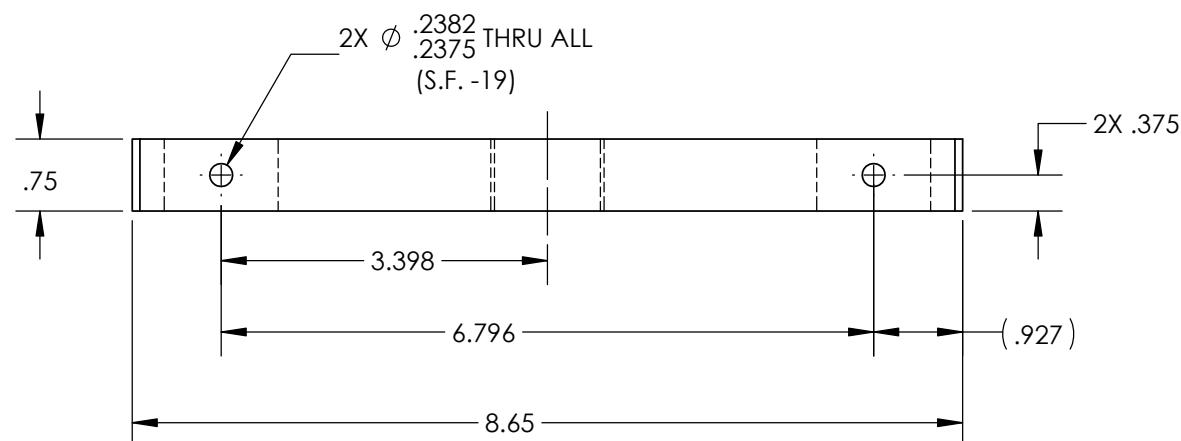
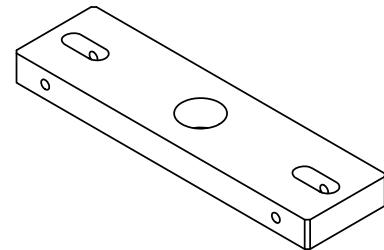
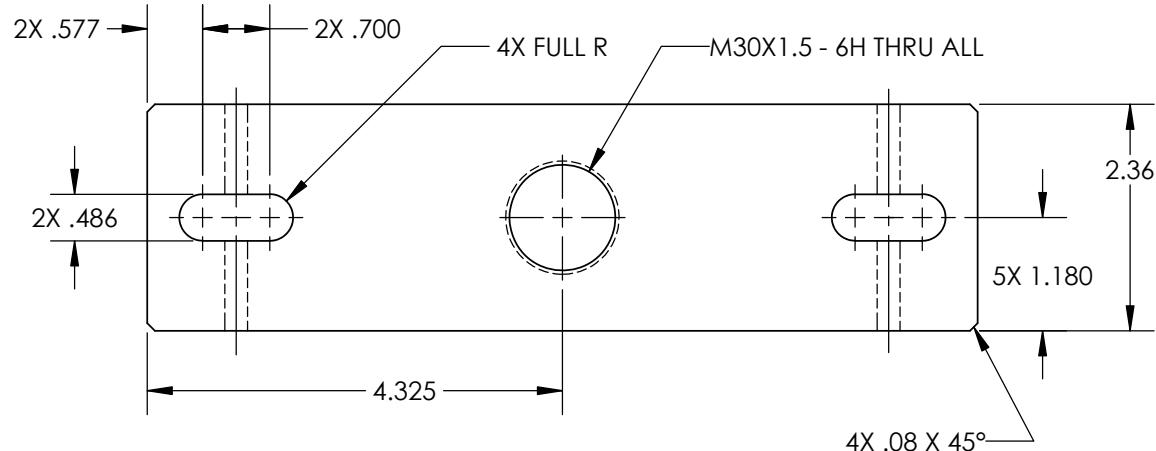
RBE1X53-166-817

REV C

MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH	.XX ± .01 ANGLES ± 5°
SPEC	X ± .1 SURFACES = 125 ✓
DRAWN BY:	RF
CHECKED:	SAD
OPPS APPR:	DD
QA APPR:	N/A
APPROVED:	SAD
SCALE	1:7
DATE	11/22/2020
USED ON MODEL	

ASME Y14.5M-2008

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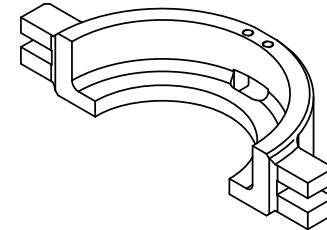
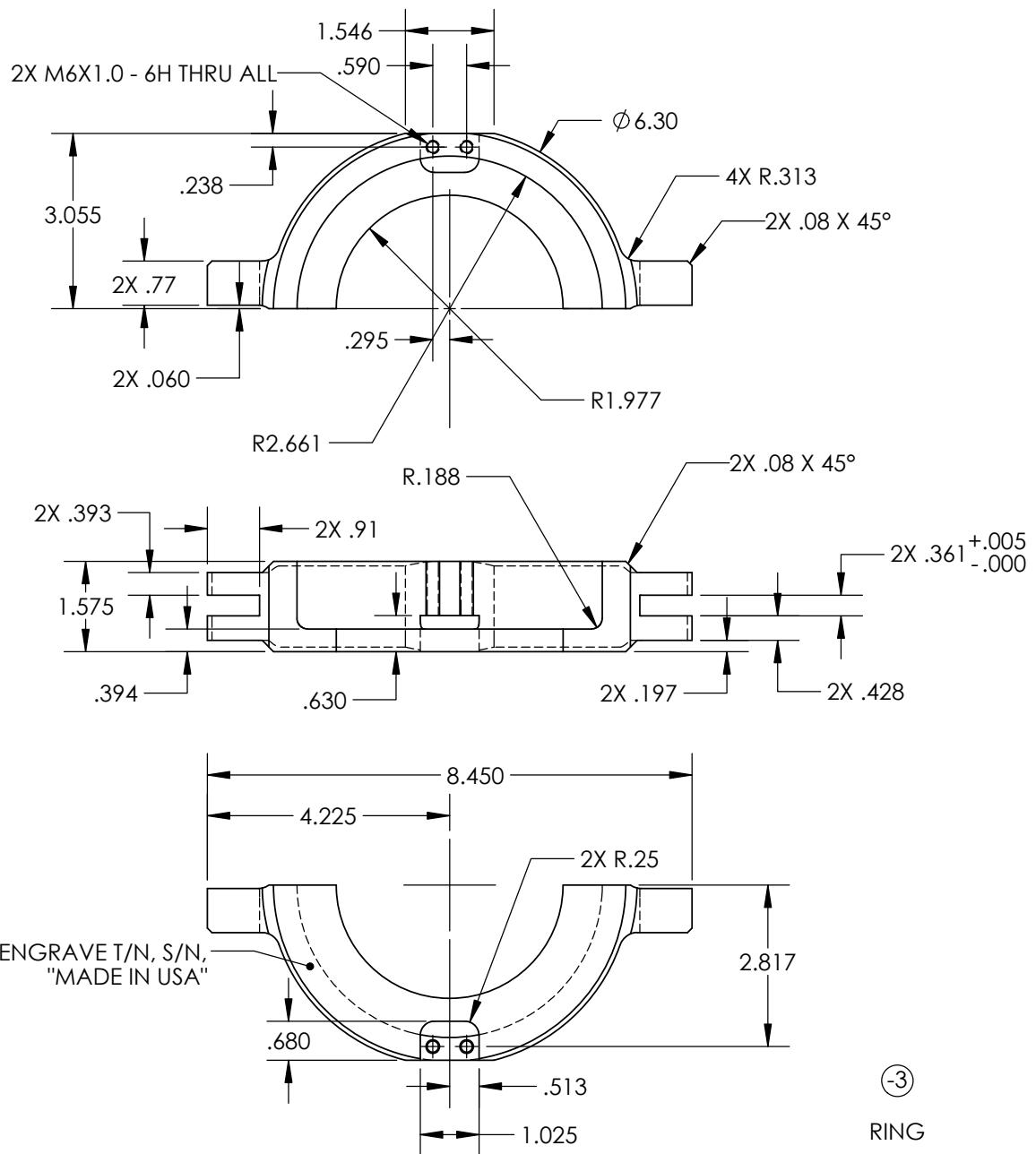


(-1)

BASE

	
TITLE	PULLER
DWG NO.	RBE1X53-166-817-1
REV	C
MATL	A36/1018/1020 HR
HEAT	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	X ± .1 SURFACES = 125 ✓
DRAWN BY:	RF
CHECKED:	SAD
OPPS APPR:	DD
QA APPR:	N/A
APPROVED:	SAD
USED ON MODEL	EC135
SCALE	1:8
DATE	11/22/2020
SHEET	2 OF 8

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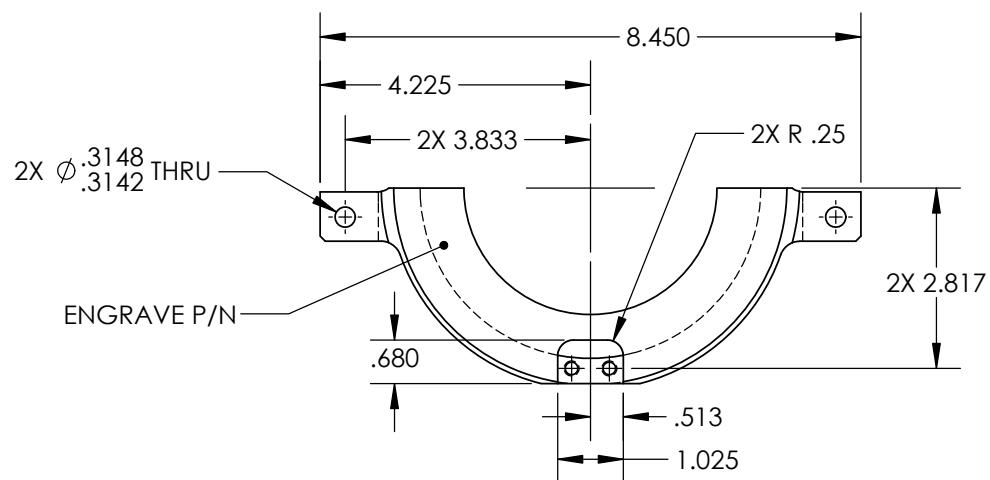
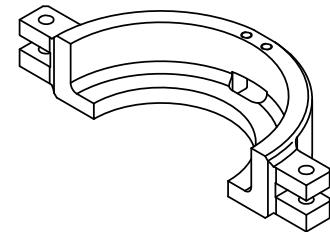
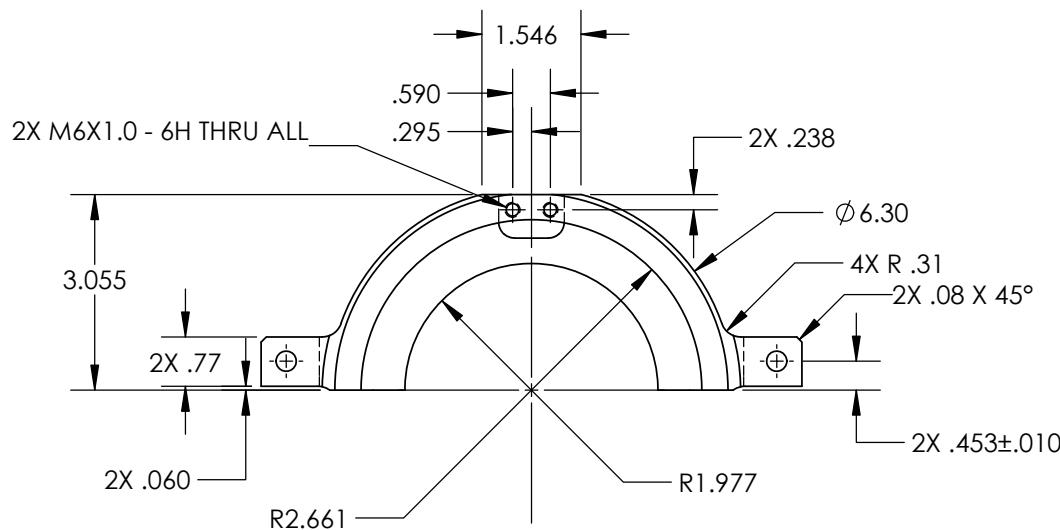


(3)

RING

							
TITLE							
PULLER							
DWG NO. RBE1X53-166-817-3 REV C							
<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">.XXX ± .005</td> <td style="width: 50%;">FRACTIONS ± 1/8</td> </tr> <tr> <td>.XX ± .01</td> <td>ANGLES ± 5°</td> </tr> <tr> <td>X ± .1</td> <td>SURFACES = 125</td> </tr> </table>		.XXX ± .005	FRACTIONS ± 1/8	.XX ± .01	ANGLES ± 5°	X ± .1	SURFACES = 125
.XXX ± .005	FRACTIONS ± 1/8						
.XX ± .01	ANGLES ± 5°						
X ± .1	SURFACES = 125						
<p>HEAT RC 28-34</p> <p>TREAT</p> <p>FINISH BLACK OXIDE</p> <p>SPEC QMSI-6.2.2, B.O. REV D</p> <p>DRAWN BY: RF</p> <p>CHECKED: SAD</p> <p>OPPS APPR: DD</p> <p>QA APPR: N/A</p> <p>APPROVED: SAD</p>							
<p>1. BREAK ALL SHARP EDGES .015 x 45° OR .015R</p> <p>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</p> <p>3. INTERPRET DIM AND TOL PER ASME Y14.5M-2008</p> <p>USED ON MODEL</p> <p>EC135</p>							
SCALE 1:3	DATE 11/22/2020						
SHEET 3 OF 8							

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(5)
RING2

		TITLE	
		PULLER	
DWG NO.		RBE1X53-166-817-5	
REV		C	
MATERIAL		4140/4142	
HEAT		RC 28-34	
TREAT		.000 ± .005 FRACTIONS ± 1/8	
FINISH		.000 ± .01 ANGLES ± 5°	
SPEC		BLACK OXIDE SURFACES = 125	
DRAWN BY:		RF	
CHECKED:		SAD	
OPPS APPR:		DD	
QA APPR:		N/A	
APPROVED:		SAD	
SCALE		1:3	
DATE		11/22/2020	
SHEET		4 OF 8	

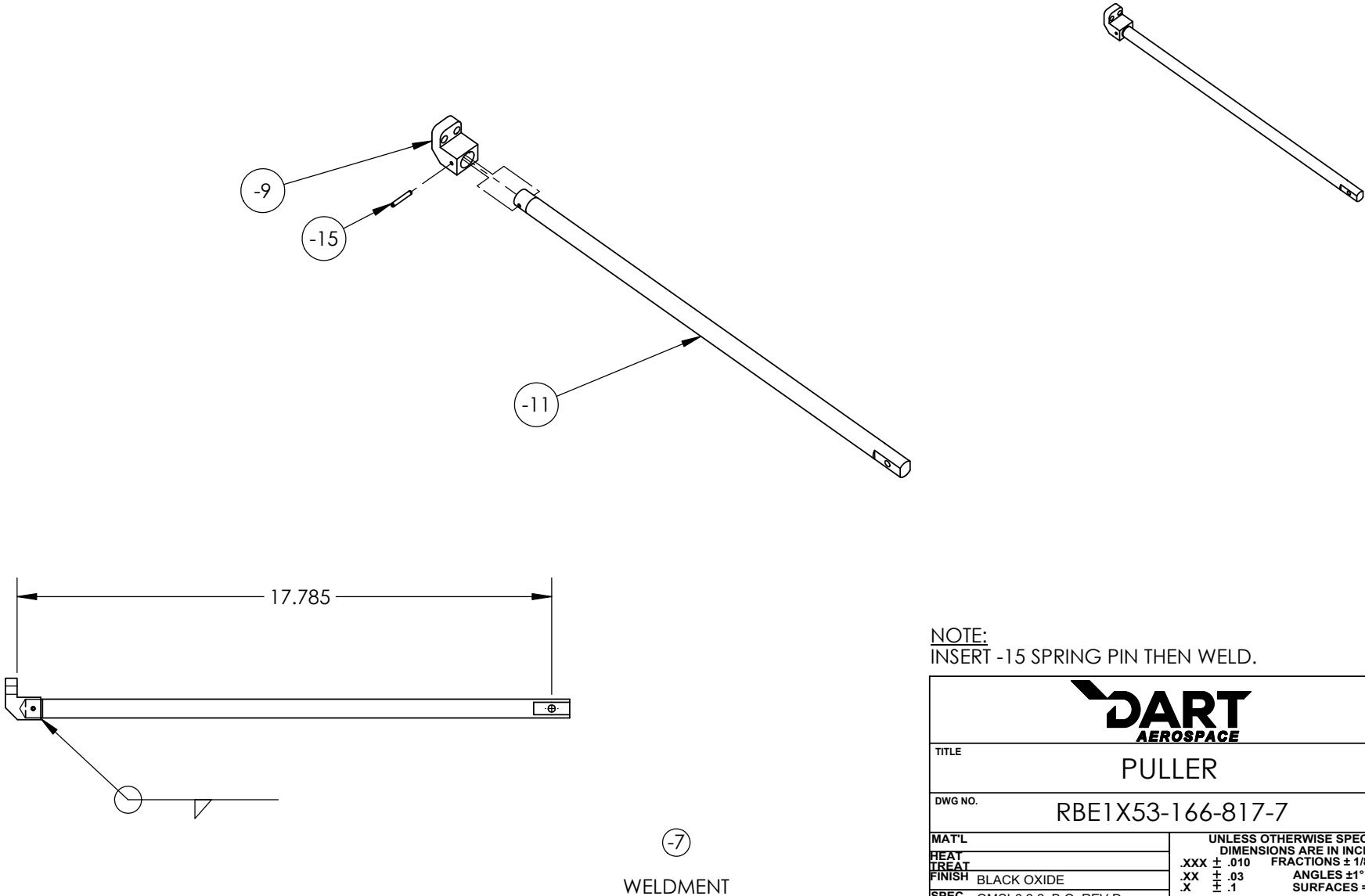
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.000 ± .005 FRACTIONS ± 1/8
.000 ± .01 ANGLES ± 5°
X ± .1 SURFACES = 125

1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2008

USED ON MODEL

EC135

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WELDMENT

NOTE:
INSERT -15 SPRING PIN THEN WELD.



TITLE

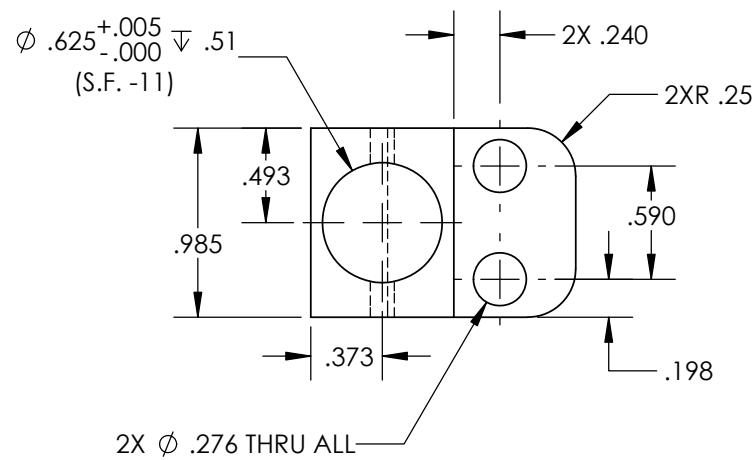
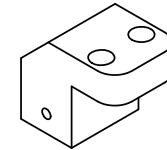
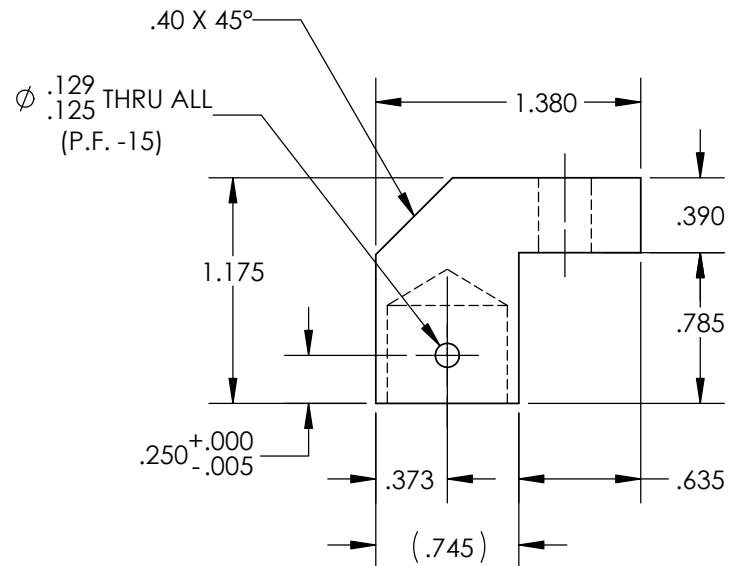
PULLER

DWG NO

RBE1X53-166-817-7

REV
C

MAT'L		UNLESS OTHERWISE SPECIFIED	
HEAT		DIMENSIONS ARE IN INCHES	
TREAT		.XXX ± .010 FRACTIONS ± 1/8	
FINISH BLACK OXIDE		.XX ± .03 ANGLES ± 1°	
SPEC QMSI-6.2.2, B.O. REV D		X ± .1 SURFACES = 125 ✓	
DRAWN BY: RF		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: SAD		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: DD		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: N/A		USED ON MODEL	
APPROVED: SAD		EC135	
SCALE	1:5	DATE	11/22/2020
SHEET 5 OF 8			



-9

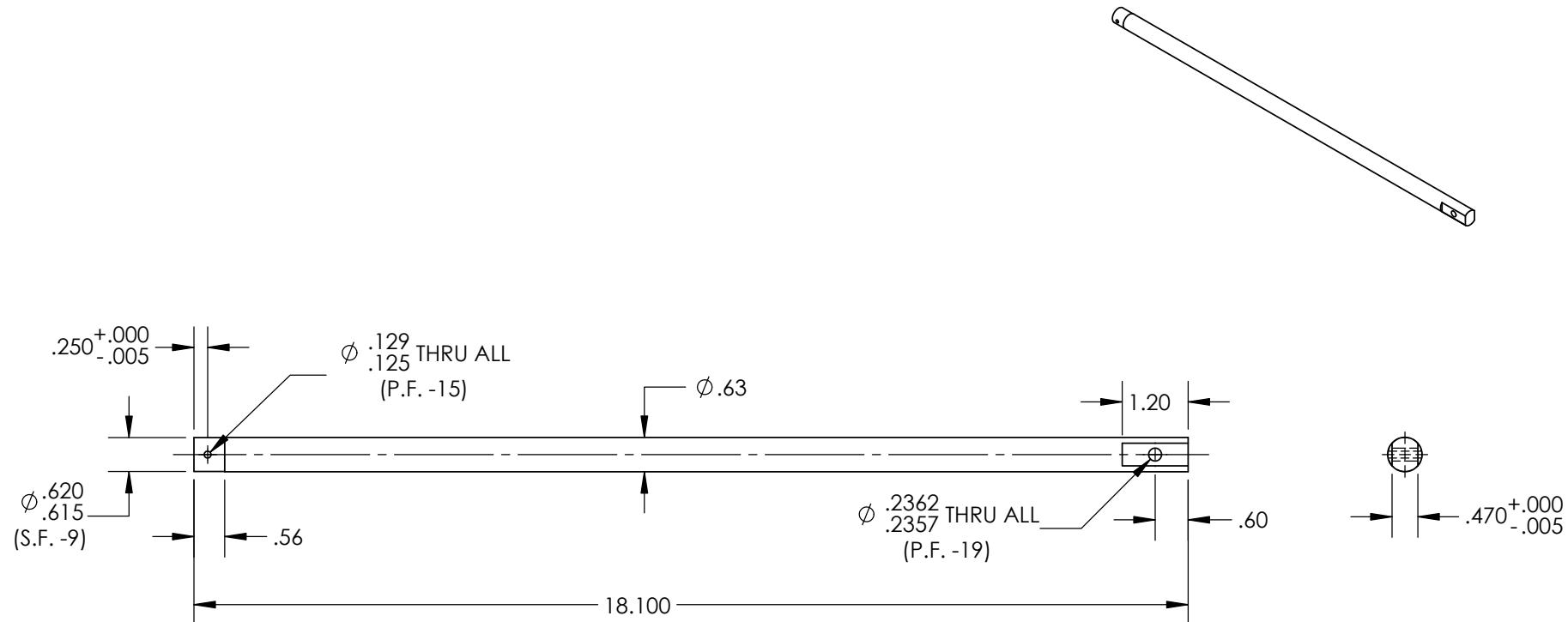
ROD TOP



PULLER

RBE1X53-166-817-9

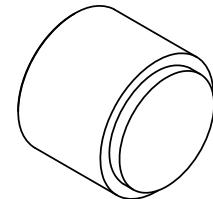
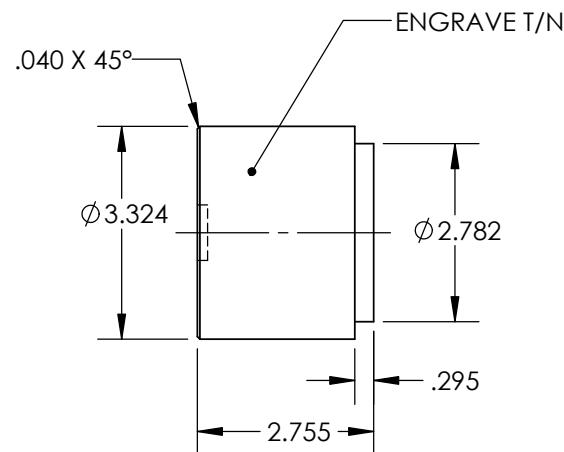
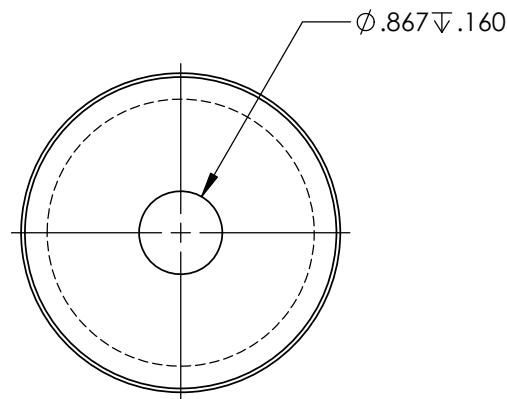
MAT'L A36/1018/1020 HR		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT		.000 ± .005 FRACTIONS ± 1/8	
TREAT		XX ± .01 ANGLES ± 5°	
FINISH SEE -7		X ± .1 SURFACES = 125	
SPEC		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
DRAWN BY:	RF	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
CHECKED:	SAD	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
OPPS APPR:	DD	USED ON MODEL	
QA APPR:	N/A		
APPROVED:	SAD	EC135	
SCALE	1:1	DATE	11/22/2020
SHEET 6 OF 8			



(-11)

ROD

		TITLE	
		PULLER	
DWG NO.		RBE1X53-166-817-11	
REV		C	
MATERIAL		1018/1020 CR	
HEAT		UNLESS OTHERWISE SPECIFIED	
TREAT		DIMENSIONS ARE IN INCHES	
FINISH SEE -7		.XXX ± .005 FRACTIONS ± 1/8	
SPEC		.XX ± .01 ANGLES ± 5°	
DRAWN BY:		X ± .1 SURFACES = 125 ✓	
CHECKED:		1. BREAK ALL SHARP EDGES	
OPPS APPR:		.015 x 45° OR .015R	
QA APPR:		2. DIMENSIONAL LIMITS APPLY	
APPROVED:		AFTER PLATING	
		3. INTERPRET DIM AND TOL PER	
		ASME Y14.5M-2008	
USED ON MODEL			
EC135			
SCALE 1:3		DATE 11/22/2020	
		SHEET 7 OF 8	



-25
THRUST PIECE

	
TITLE	
PULLER	
DWG NO. RBE1X53-166-817-25	
REV C	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° X ± .1 SURFACES = 125	
MATL 6061-T6 HEAT TREAT FINISH CLEAR ANODIZE SPEC MIL-A-8625F, TYPE II, CLASS I	
DRAWN BY:	RF
CHECKED:	SAD
OPPS APPR:	DD
QA APPR:	N/A
APPROVED:	SAD
USED ON MODEL	
EC135	
SCALE	1:3
DATE	11/22/2020
SHEET 8 OF 8	

1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2008